

Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
 Data File : BF102736.D
 Acq On : 5 Feb 2018 14:28
 Operator : SJ/JU
 Sample : J1399-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	5	10	15	rVB	255895	322139	1.63%	0.304%
2	5.487	574	578	582	rBV	2764557	2749775	13.90%	2.595%
3	6.498	745	750	758	rVB	2923055	2755301	13.92%	2.600%
4	6.645	771	775	778	rBV	3114428	2747232	13.88%	2.593%
5	6.881	811	815	818	rVB	1679452	1354735	6.85%	1.279%
6	7.034	837	841	844	rBV	2380423	2109728	10.66%	1.991%
7	7.439	906	910	913	rVB	1906329	1623496	8.20%	1.532%
8	8.139	1027	1029	1030	rBV	292709	220481	1.11%	0.208%
9	8.163	1030	1033	1035	rVV	2148965	1844722	9.32%	1.741%
10	8.181	1035	1036	1039	rVV	556802	445721	2.25%	0.421%
11	8.663	1115	1118	1121	rBV	268583	248521	1.26%	0.235%
12	8.751	1130	1133	1137	rBV	483096	424376	2.14%	0.401%
13	8.875	1151	1154	1157	rVB	524242	400000	2.02%	0.378%
14	8.975	1167	1171	1175	rBV2	477772	545375	2.76%	0.515%
15	9.239	1212	1216	1219	rVB	2968280	2672260	13.51%	2.522%
16	9.316	1225	1229	1231	rBV	732678	649596	3.28%	0.613%
17	9.504	1257	1261	1264	rVB2	234858	320637	1.62%	0.303%
18	9.575	1266	1273	1275	rVV2	405406	500948	2.53%	0.473%
19	9.598	1275	1277	1279	rVV2	259798	234140	1.18%	0.221%
20	9.628	1279	1282	1286	rVV2	518540	644626	3.26%	0.608%
21	9.692	1290	1293	1299	rVB2	303699	291579	1.47%	0.275%
22	9.780	1305	1308	1312	rBV	295221	297887	1.51%	0.281%
23	9.845	1316	1319	1322	rVB	909844	707074	3.57%	0.667%
24	9.922	1328	1332	1334	rVB	1806510	1633151	8.25%	1.541%
25	9.951	1334	1337	1340	rVB	717369	522949	2.64%	0.494%
26	10.075	1354	1358	1361	rBV3	136937	208125	1.05%	0.196%
27	10.122	1361	1366	1370	rVB2	469805	578833	2.93%	0.546%
28	10.163	1370	1373	1378	rBV4	238907	327276	1.65%	0.309%
29	10.233	1382	1385	1388	rBV4	180485	216503	1.09%	0.204%
30	10.345	1401	1404	1407	rVB	1062248	772728	3.91%	0.729%
31	10.463	1421	1424	1430	rVB	813514	744580	3.76%	0.703%
32	10.563	1437	1441	1446	rVB2	292314	460552	2.33%	0.435%
33	10.704	1459	1465	1469	rBV	1733619	1623328	8.20%	1.532%
34	10.816	1481	1484	1493	rVB	935010	1188506	6.01%	1.122%

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 Integrator: RTE
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 Sampling : 1
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 Stop Thrs : 0

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 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.010	1513	1517	1520	rBV2	242667	286046	1.45%	0.270%
36	11.039	1520	1522	1526	rVV2	207661	213473	1.08%	0.201%
37	11.269	1557	1561	1563	rBV	820387	721075	3.64%	0.681%
38	11.298	1563	1566	1572	rVB2	562870	602689	3.05%	0.569%
39	11.404	1581	1584	1586	rBV	1494864	1453290	7.34%	1.372%
40	11.433	1586	1589	1592	rVV	2807154	2539535	12.83%	2.397%
41	11.480	1594	1597	1600	rVV	996321	785580	3.97%	0.741%
42	11.633	1621	1623	1630	rVB	276451	276036	1.40%	0.261%
43	11.692	1630	1633	1636	rBV	737685	630491	3.19%	0.595%
44	11.798	1647	1651	1655	rBV	6996856	7493239	37.87%	7.072%
45	11.904	1666	1669	1671	rBV	408199	393234	1.99%	0.371%
46	11.933	1671	1674	1679	rVV2	1056953	1082146	5.47%	1.021%
47	12.021	1685	1689	1691	rVV2	669323	762725	3.85%	0.720%
48	12.039	1691	1692	1696	rVB	348899	237396	1.20%	0.224%
49	12.098	1699	1702	1707	rBV	537089	559355	2.83%	0.528%
50	12.198	1717	1719	1722	rBV	341309	309903	1.57%	0.292%
51	12.457	1759	1763	1764	rBV	338243	335541	1.70%	0.317%
52	12.504	1764	1771	1773	rVV	8789274	19786889	100.00%	18.675%
53	12.527	1773	1775	1779	rVV2	8767829	9272210	46.86%	8.751%
54	12.592	1782	1786	1788	rVV	4298782	3710800	18.75%	3.502%
55	12.621	1788	1791	1793	rVV	2978951	2942842	14.87%	2.777%
56	12.645	1793	1795	1803	rVV	1608834	1733692	8.76%	1.636%
57	12.716	1804	1807	1811	rVB2	364729	378885	1.91%	0.358%
58	12.857	1824	1831	1837	rBV	2142123	2703754	13.66%	2.552%
59	12.992	1848	1854	1857	rVV	1905172	1778063	8.99%	1.678%
60	13.074	1863	1868	1870	rBV2	200381	331725	1.68%	0.313%
61	13.157	1878	1882	1883	rBV3	183901	234623	1.19%	0.221%
62	13.174	1883	1885	1889	rVB	476508	492014	2.49%	0.464%
63	13.216	1889	1892	1894	rBV	355704	378801	1.91%	0.358%
64	13.239	1894	1896	1900	rVB2	489886	522378	2.64%	0.493%
65	13.286	1900	1904	1906	rBV2	275860	356929	1.80%	0.337%
66	13.310	1906	1908	1911	rVB	439822	350300	1.77%	0.331%
67	13.374	1916	1919	1921	rVB	234225	200176	1.01%	0.189%
68	13.404	1921	1924	1927	rBV	239757	213469	1.08%	0.201%
69	13.557	1947	1950	1953	rBV	220053	222254	1.12%	0.210%
70	13.880	2002	2005	2011	rVB2	359039	458113	2.32%	0.432%
71	13.980	2019	2022	2025	rVB	369669	340259	1.72%	0.321%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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72	14.039	2028	2032	2036	rVV2	1525596	2368002	11.97%	2.235%
73	14.068	2036	2037	2043	rVB	927944	802219	4.05%	0.757%
74	14.939	2180	2185	2191	rBV	967865	1434792	7.25%	1.354%
75	15.092	2207	2211	2214	rBV	655590	1059008	5.35%	1.000%
76	15.398	2259	2263	2269	rVB	426600	601831	3.04%	0.568%
77	15.462	2270	2274	2280	rVB	660300	799244	4.04%	0.754%
78	15.527	2281	2285	2288	rBV	681482	938777	4.74%	0.886%
79	17.009	2534	2537	2547	rVB2	230653	472340	2.39%	0.446%

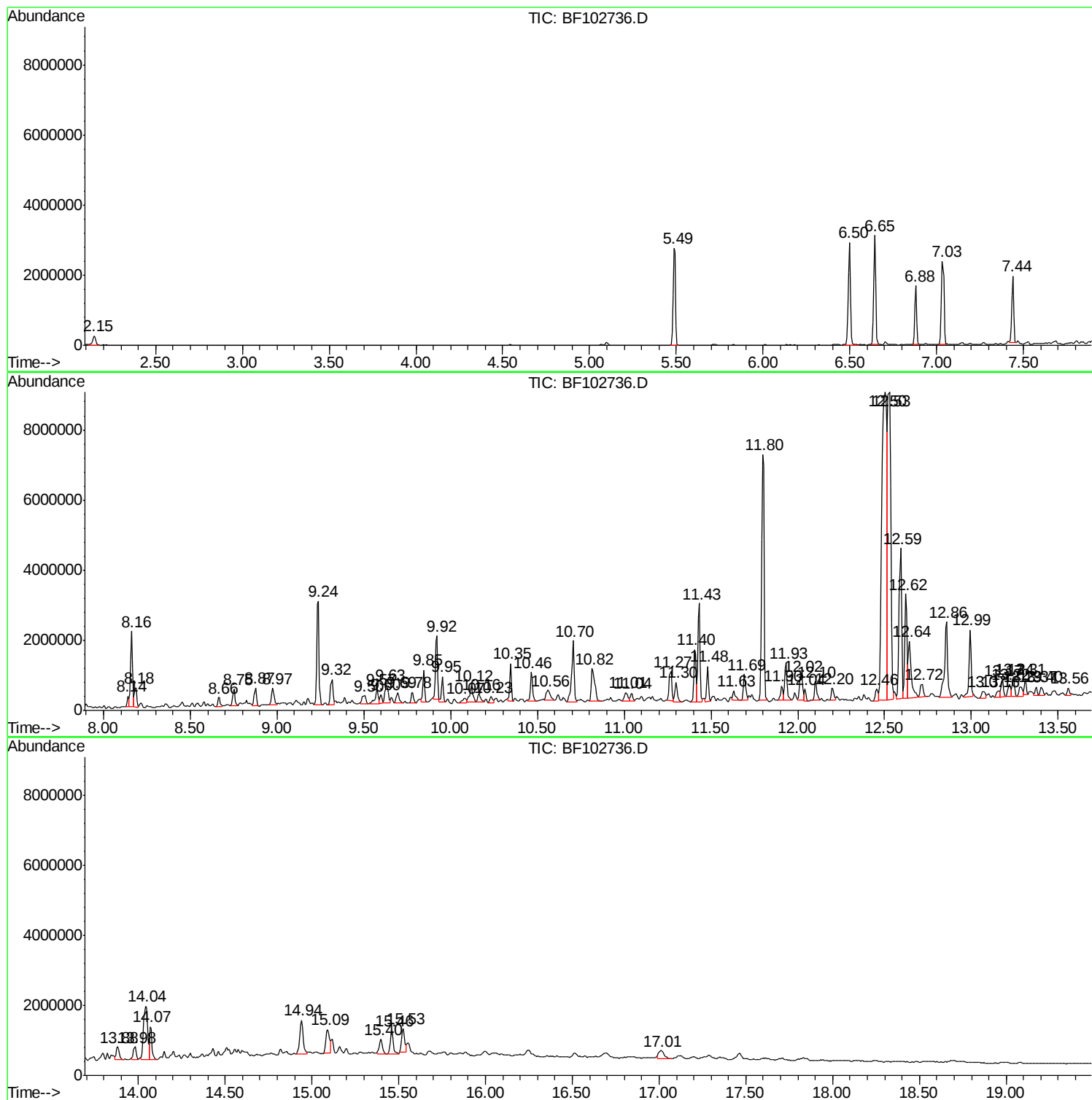
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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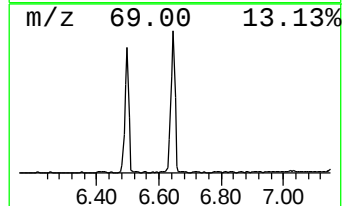
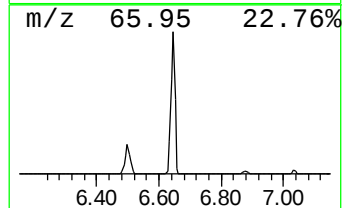
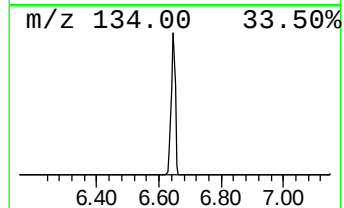
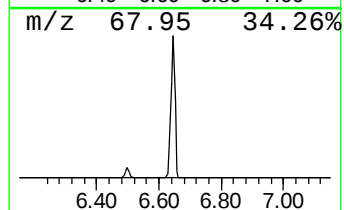
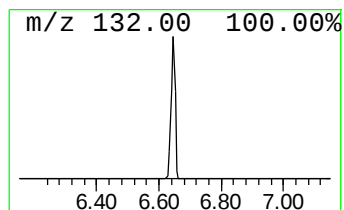
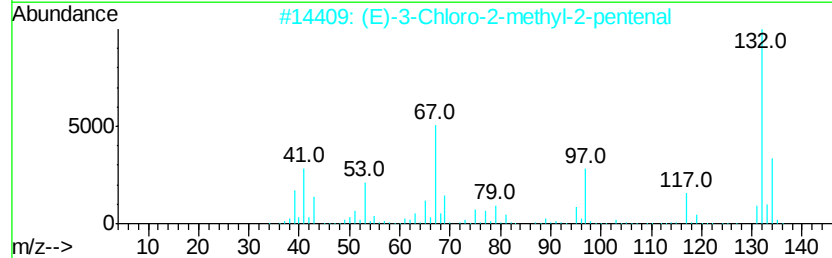
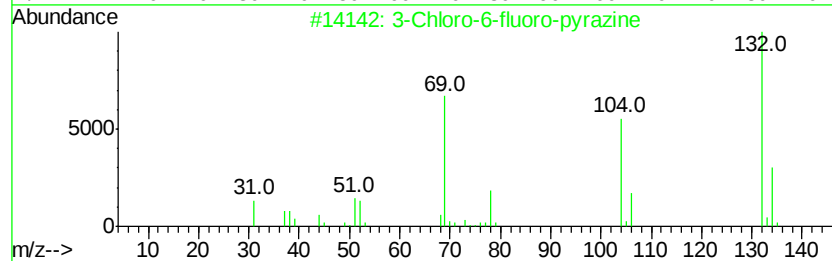
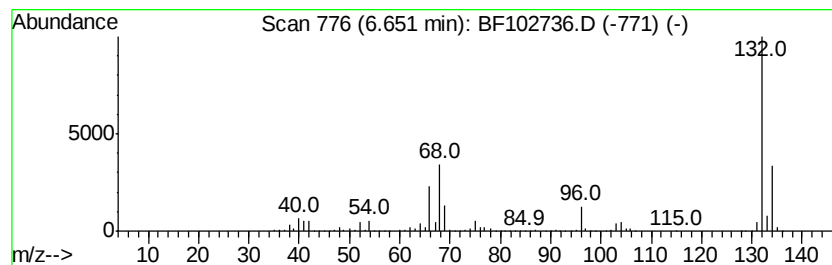
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	40.56 ng	2747230	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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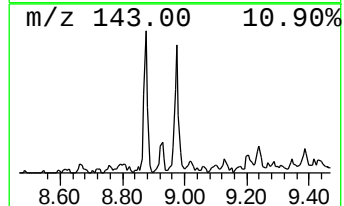
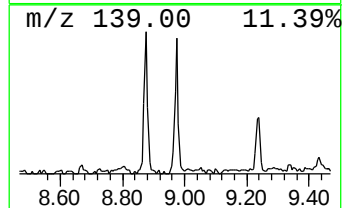
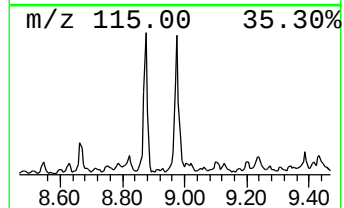
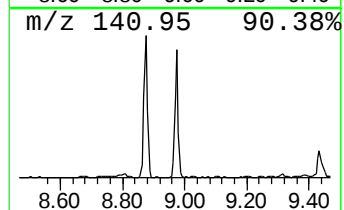
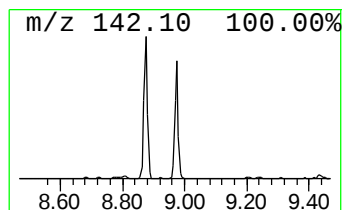
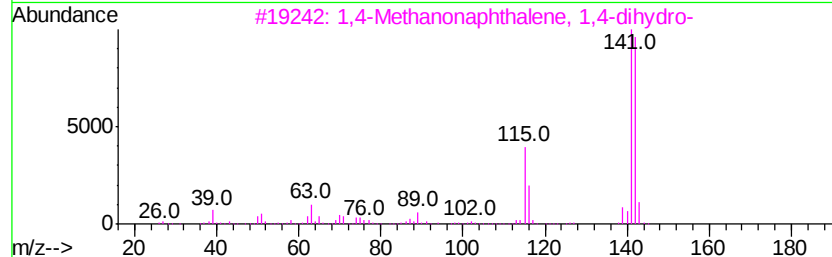
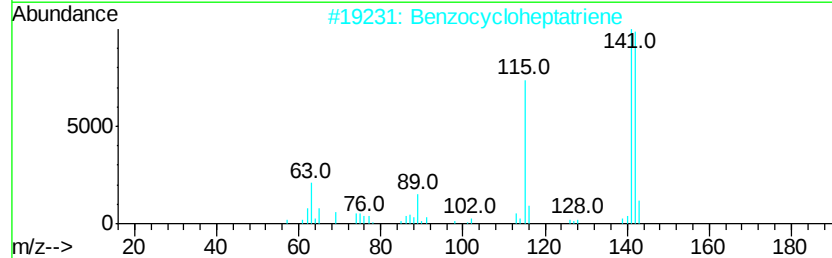
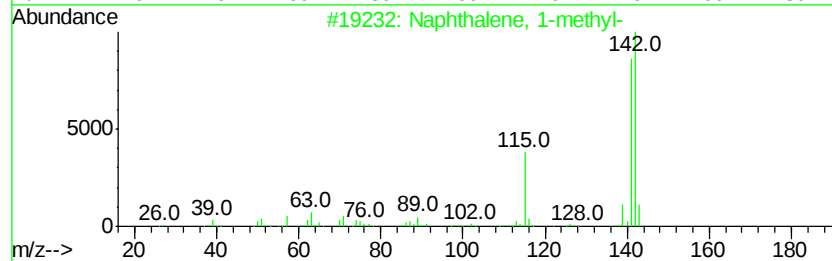
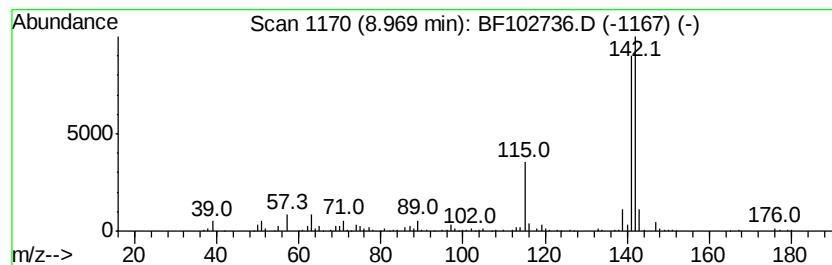
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	5.91 ng	545375	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Benzocycloheptatriene	142	C11H10	000264-09-5	93
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



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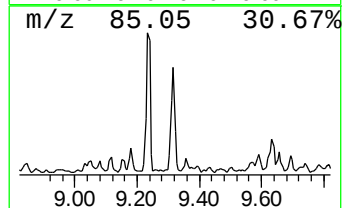
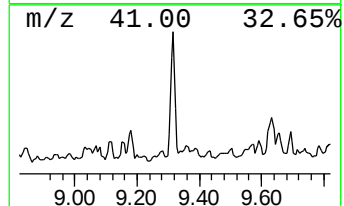
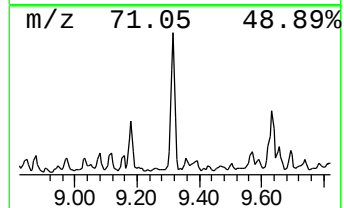
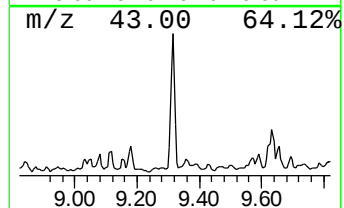
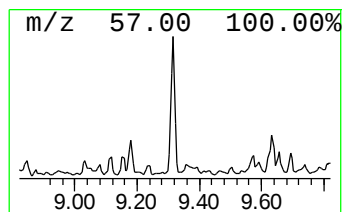
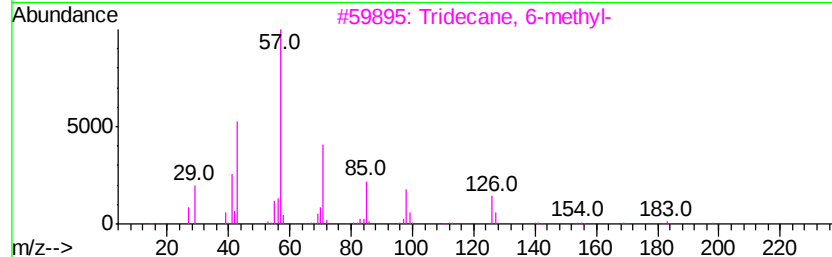
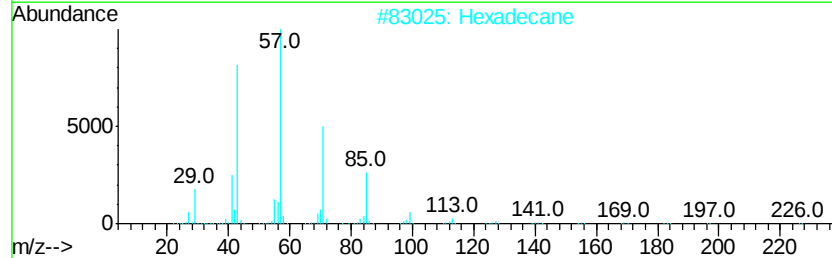
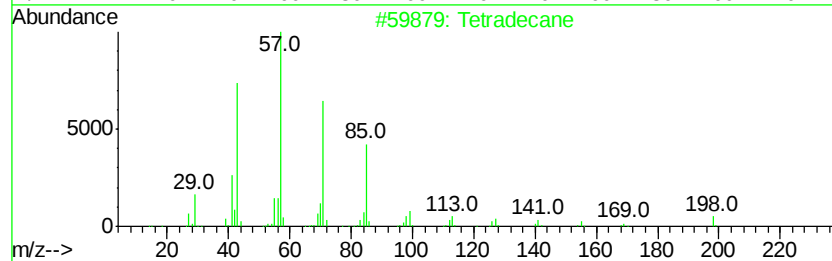
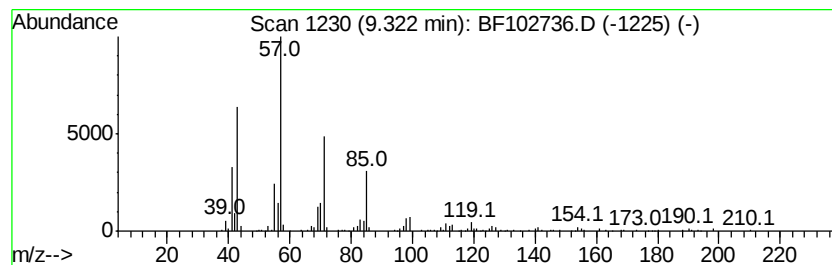
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	7.96 ng	649596	Acenaphthene-d10	9.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5		Pentadecane	212	C15H32	000629-62-9	72



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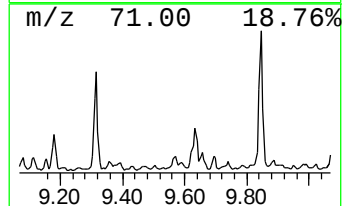
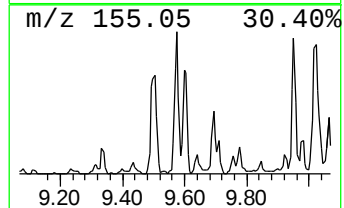
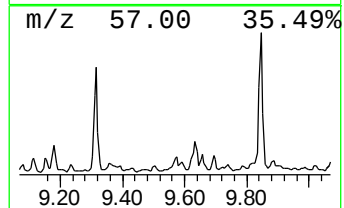
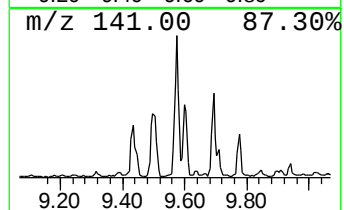
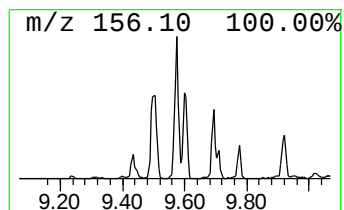
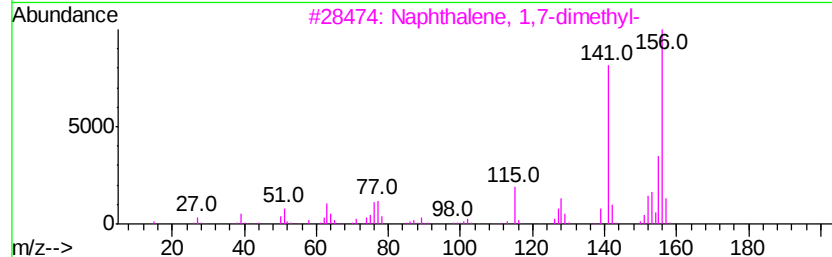
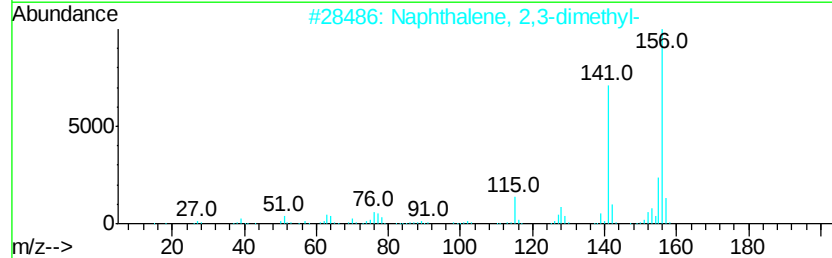
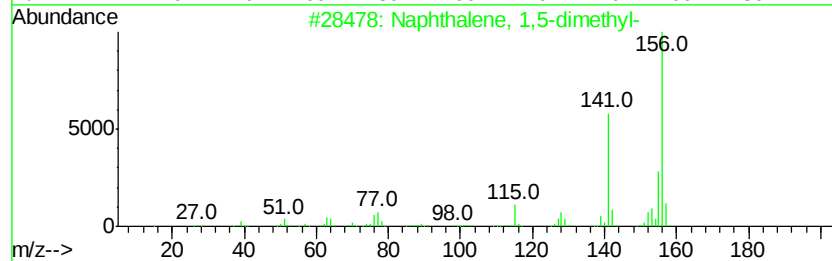
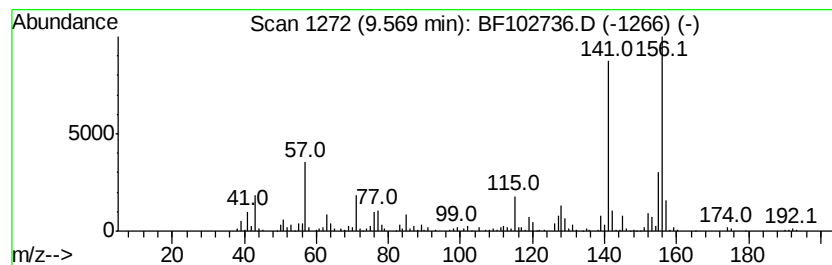
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	6.13 ng	500948	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102736.D
Acq On : 5 Feb 2018 14:28
Operator : SJ/JU
Sample : J1399-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

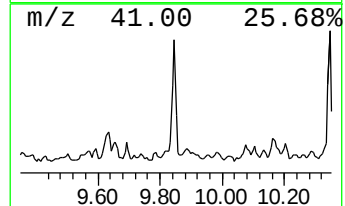
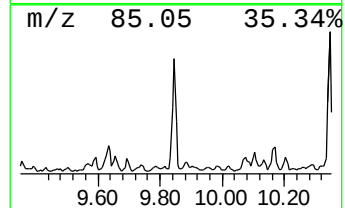
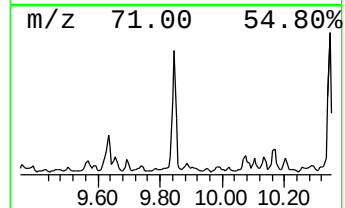
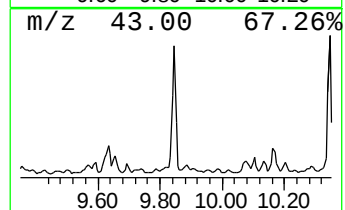
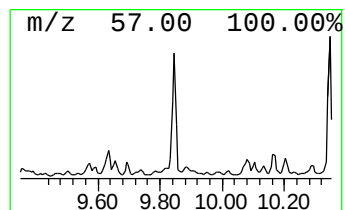
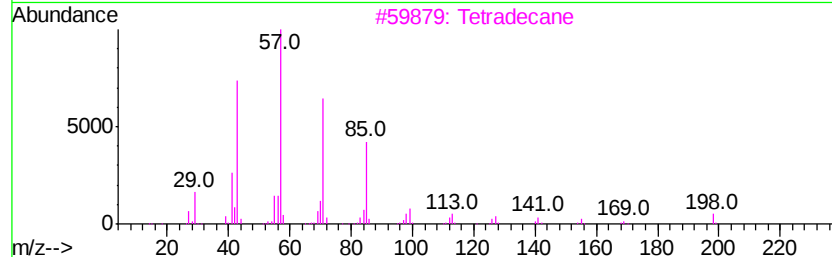
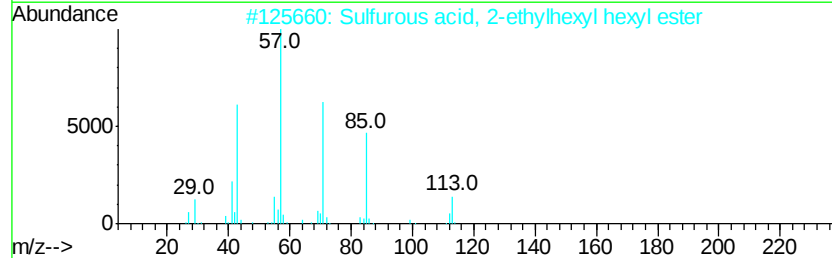
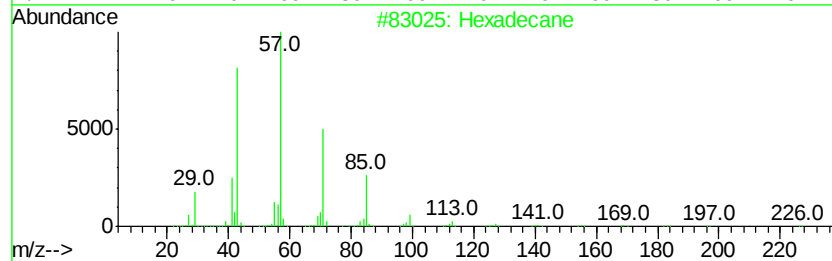
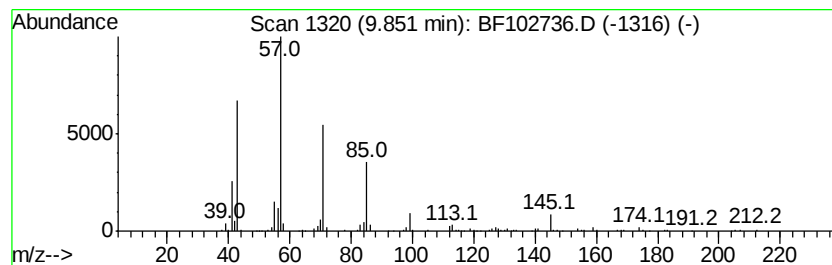
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	8.66 ng	707074	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	87
2	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	80
3	Tetradecane	198 C14H30	000629-59-4	72
4	Bacchotricuneatin c	342 C20H22O5	066563-30-2	64
5	Pentadecane	212 C15H32	000629-62-9	62



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
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Sample : J1399-01 2X
Misc :
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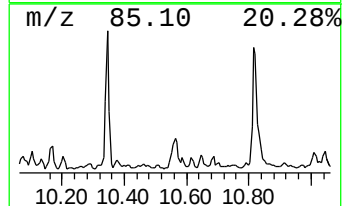
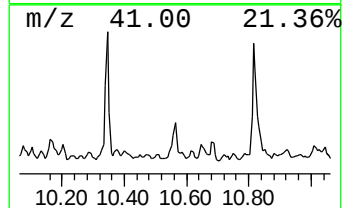
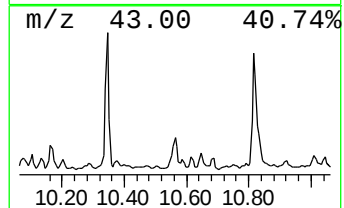
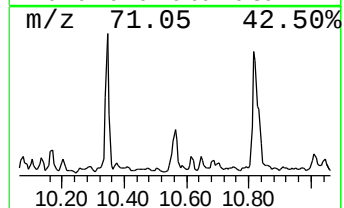
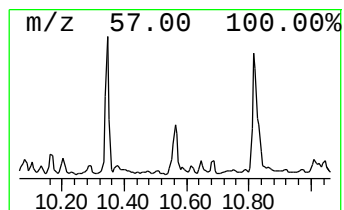
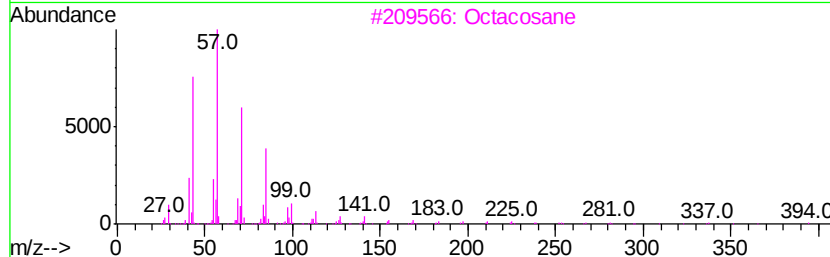
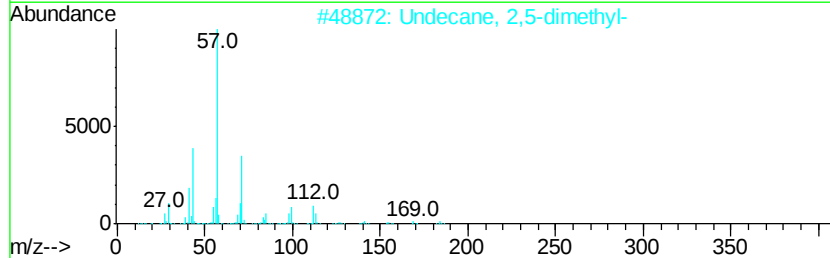
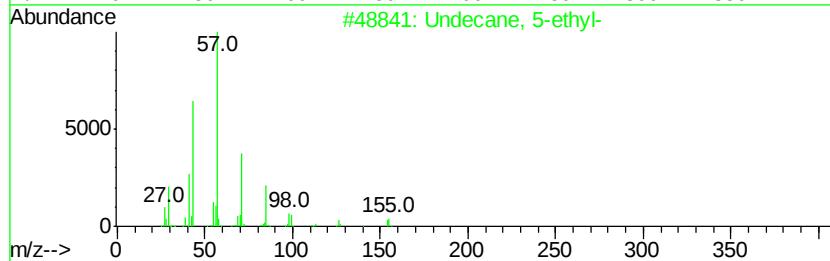
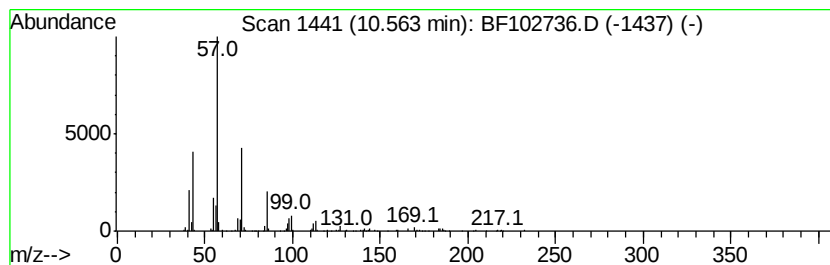
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Undecane, 5-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.56	5.64 ng	460552	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Octacosane	394	C28H58	000630-02-4	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Heptacosane	380	C27H56	000593-49-7	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102736.D
Acq On : 5 Feb 2018 14:28
Operator : SJ/JU
Sample : J1399-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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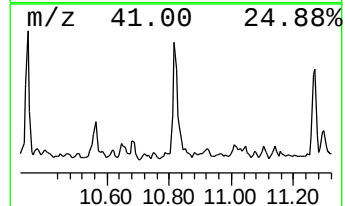
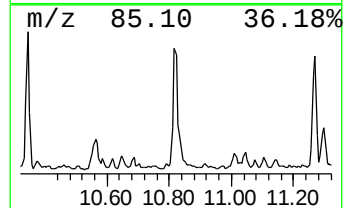
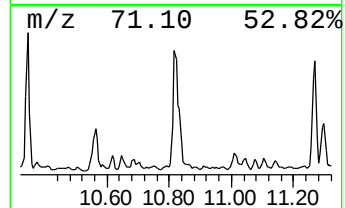
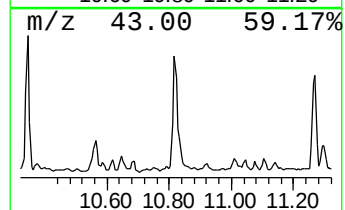
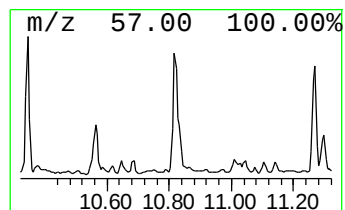
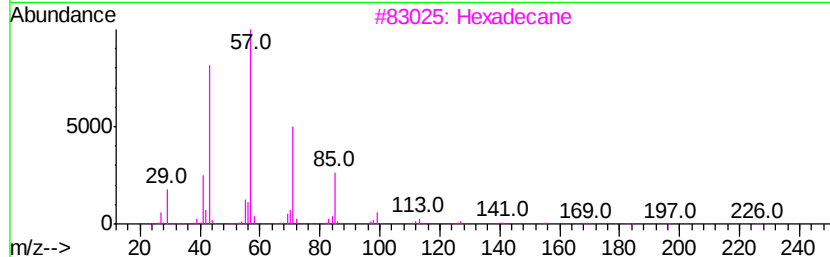
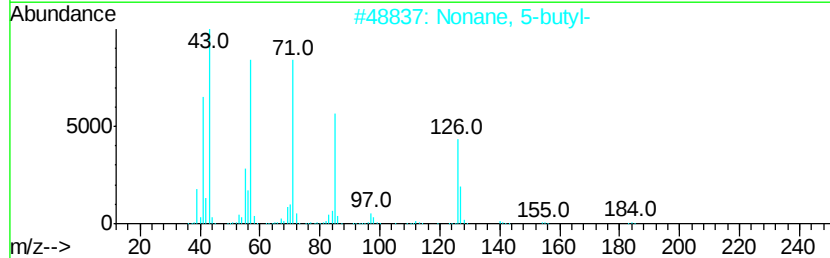
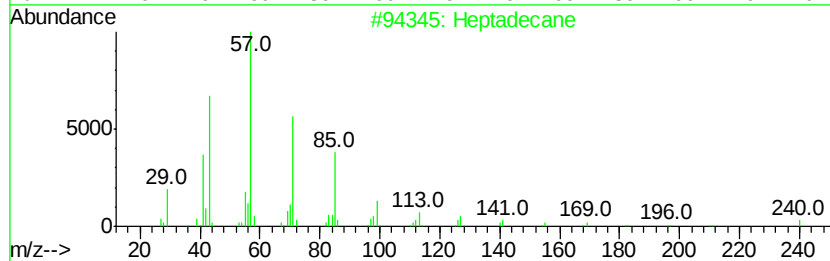
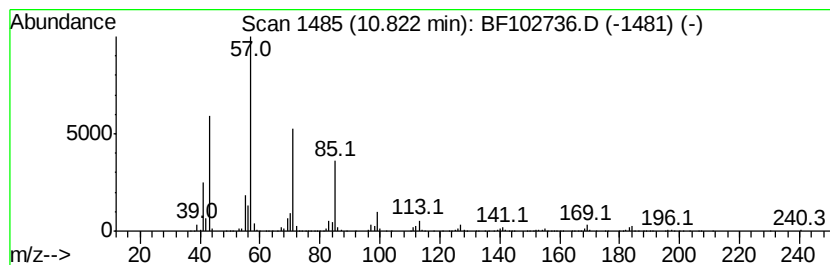
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	16.36 ng	1188510	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Nonane, 5-butyl-		184	C13H28	017312-63-9	89
3	Hexadecane		226	C16H34	000544-76-3	87
4	Tridecane		184	C13H28	000629-50-5	86
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



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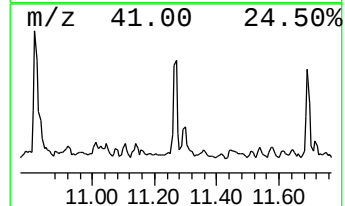
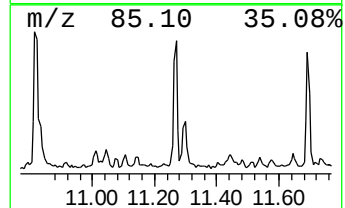
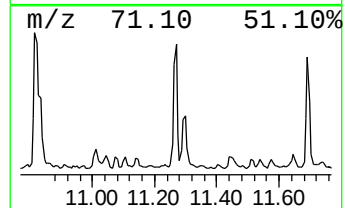
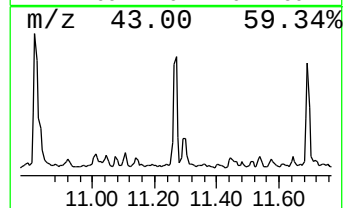
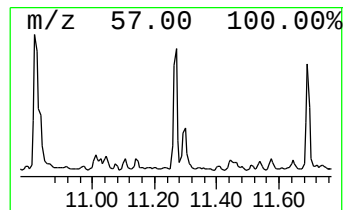
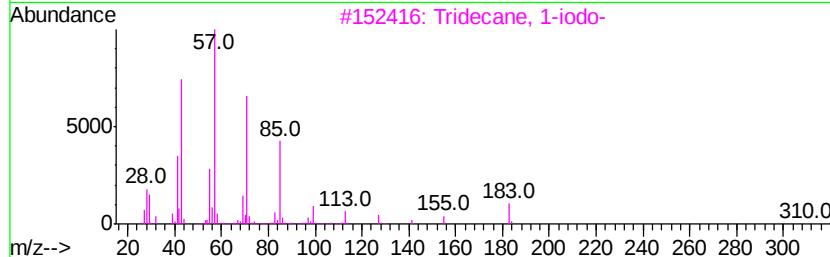
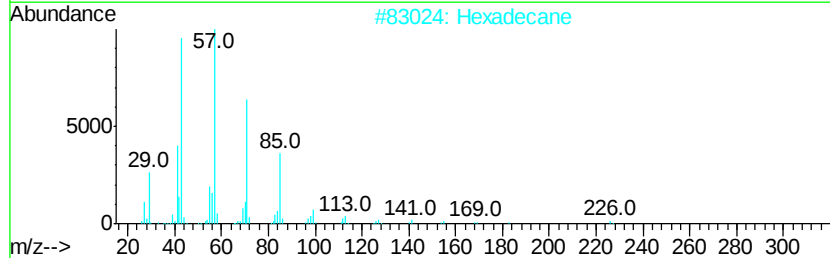
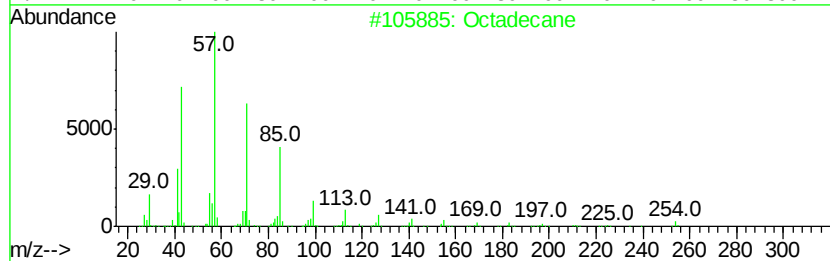
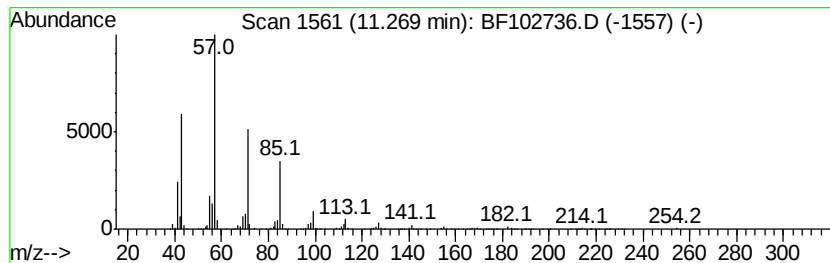
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.27	9.92 ng	721075	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
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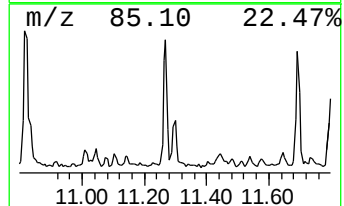
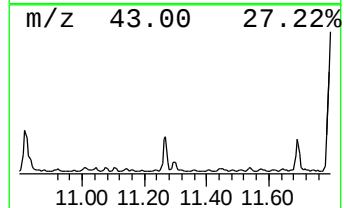
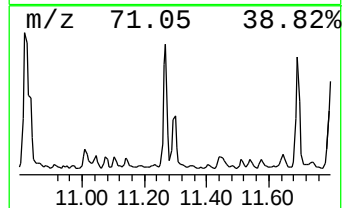
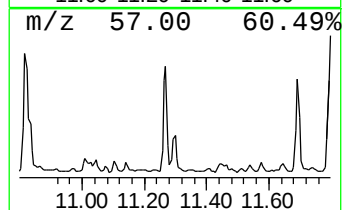
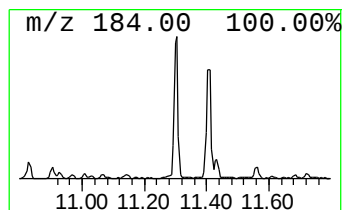
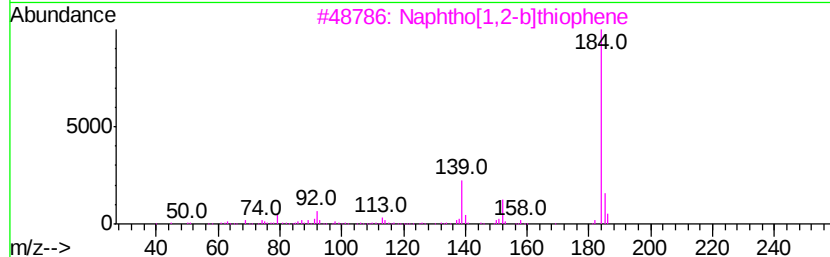
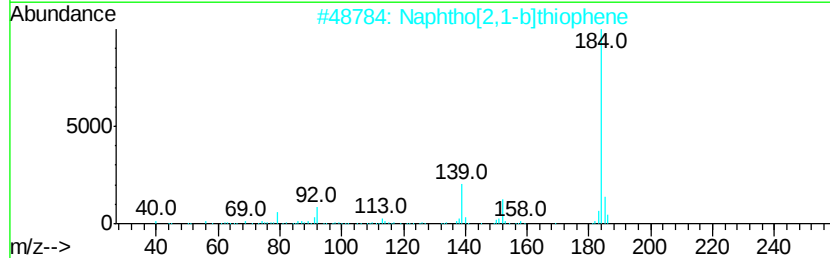
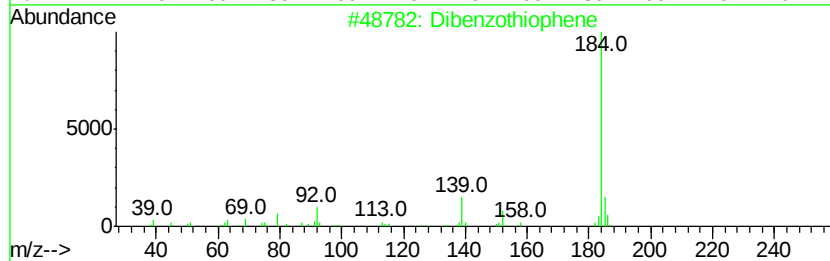
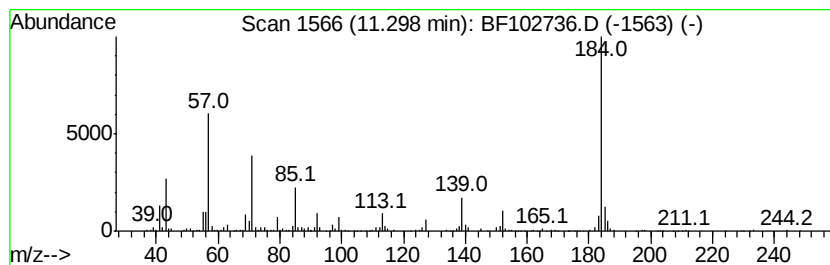
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.30	8.29 ng	602689	Phenanthrene-d10		11.40		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	93
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	92
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	78



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
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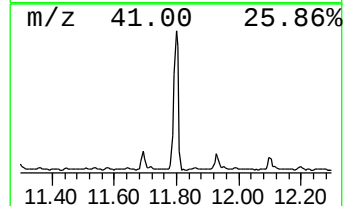
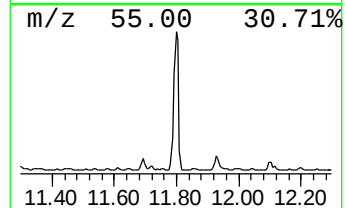
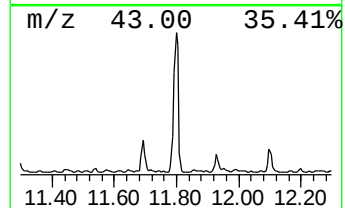
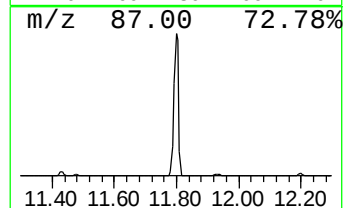
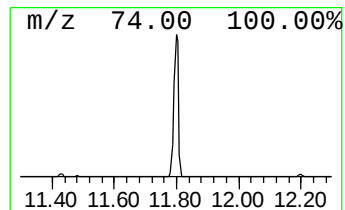
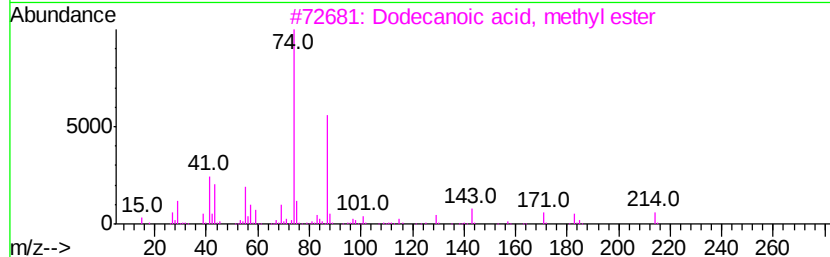
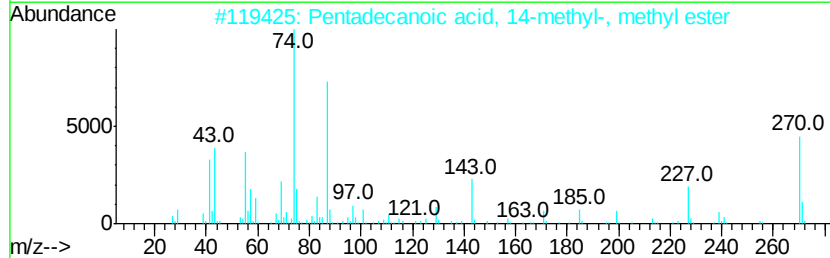
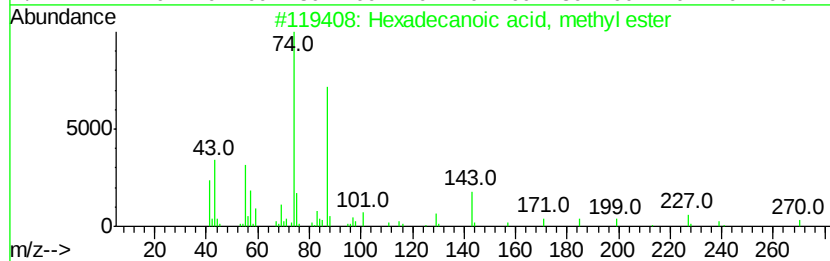
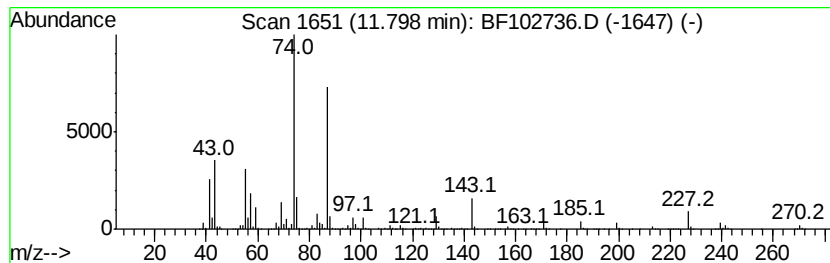
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	103.12 ng	7493240	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-A

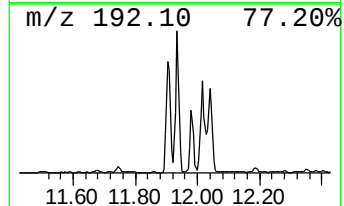
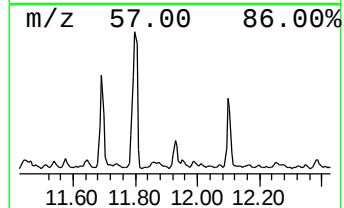
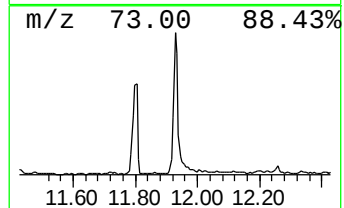
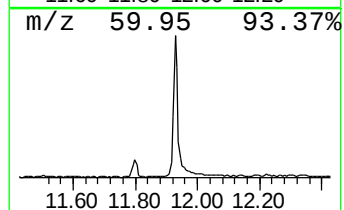
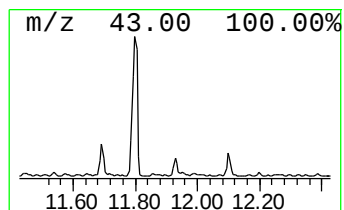
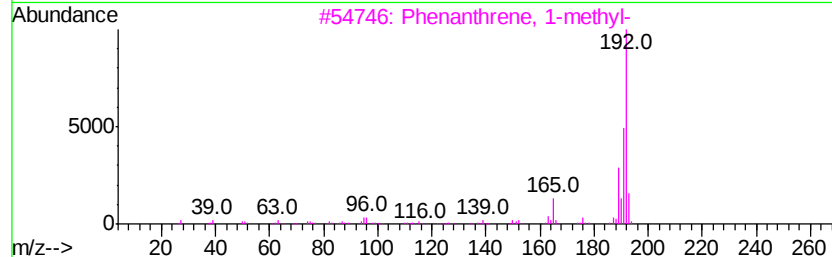
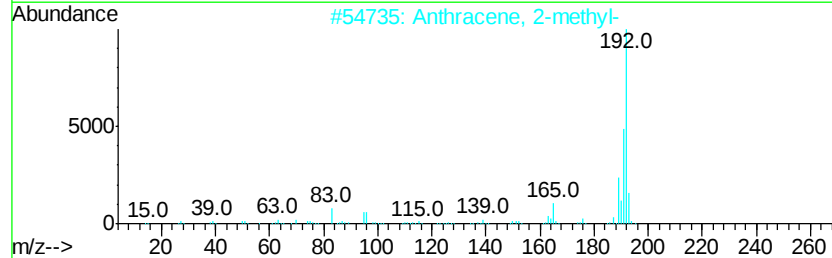
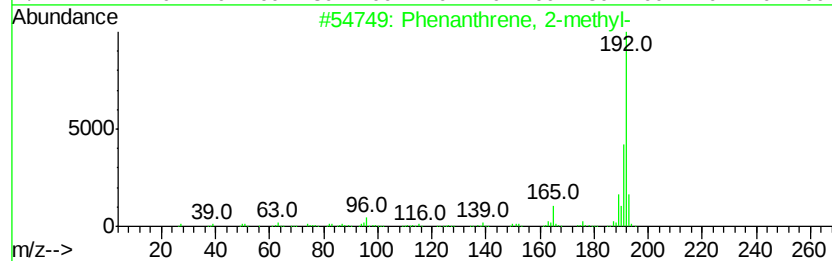
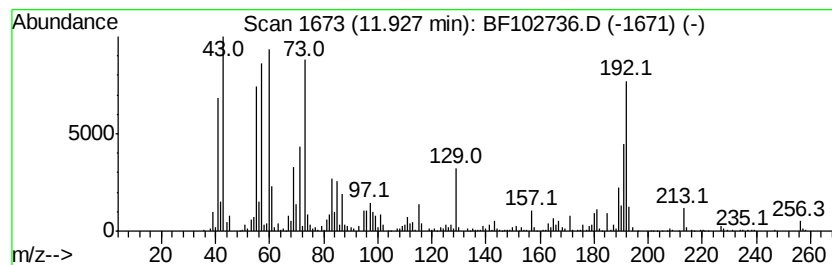
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	14.89 ng	1082150	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102736.D
Acq On : 5 Feb 2018 14:28
Operator : SJ/JU
Sample : J1399-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-A

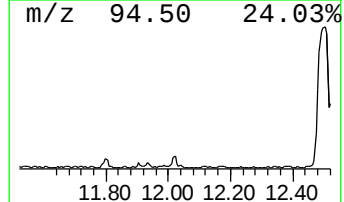
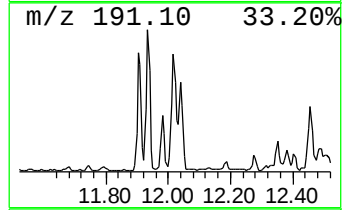
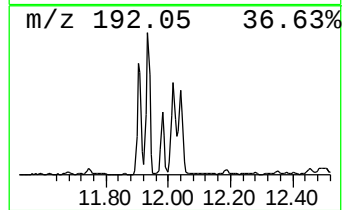
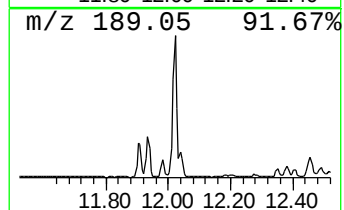
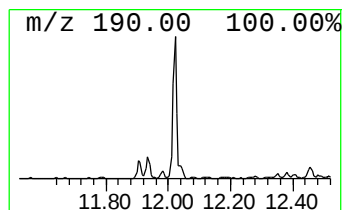
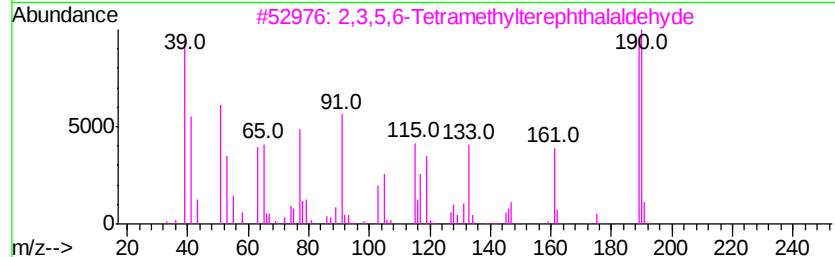
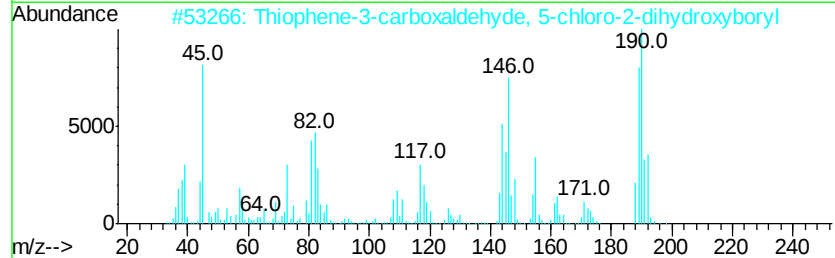
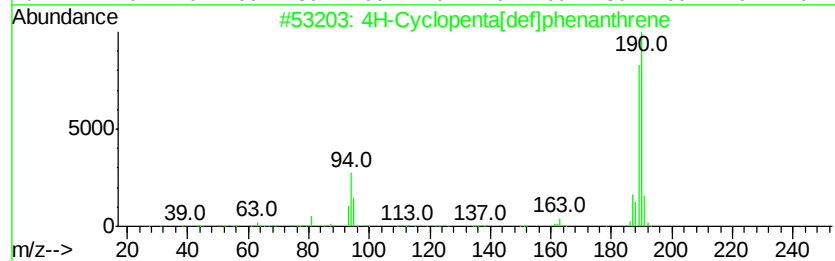
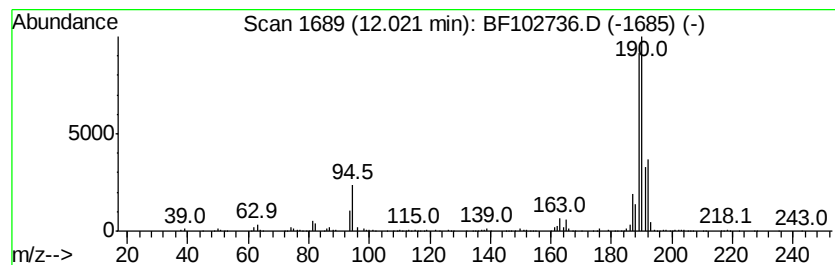
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	10.50 ng	762725	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		Methyl diselenide	190	C2H6Se2	007101-31-7	46
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102736.D
Acq On : 5 Feb 2018 14:28
Operator : SJ/JU
Sample : J1399-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-020218-A

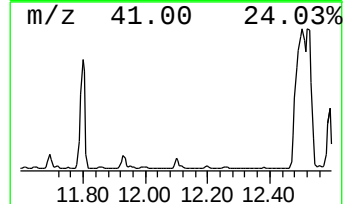
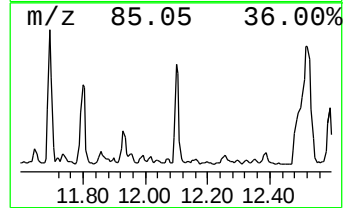
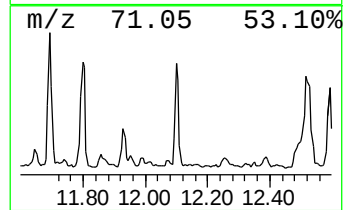
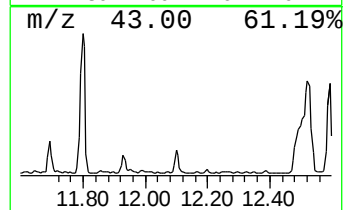
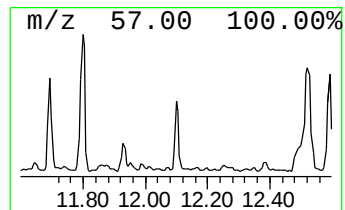
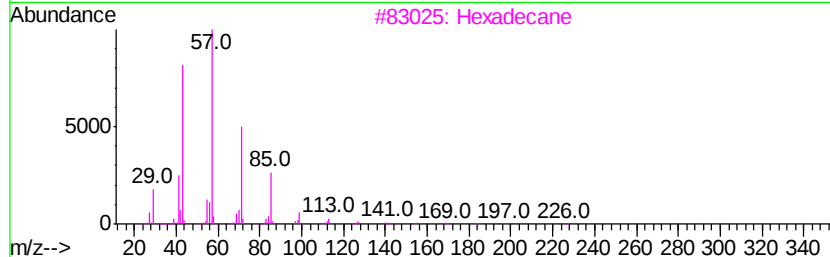
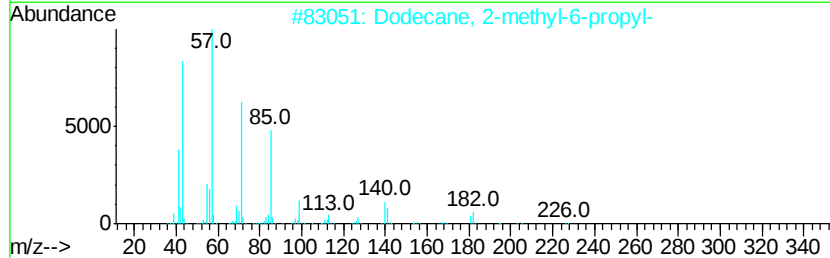
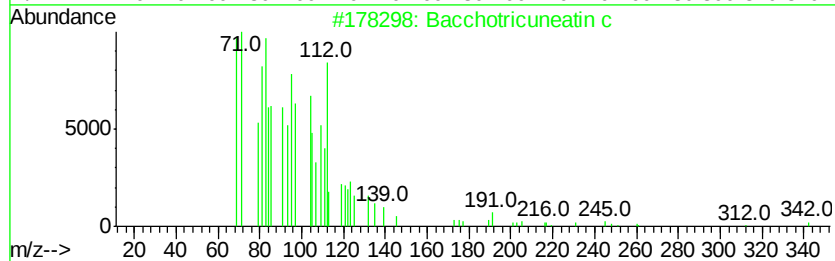
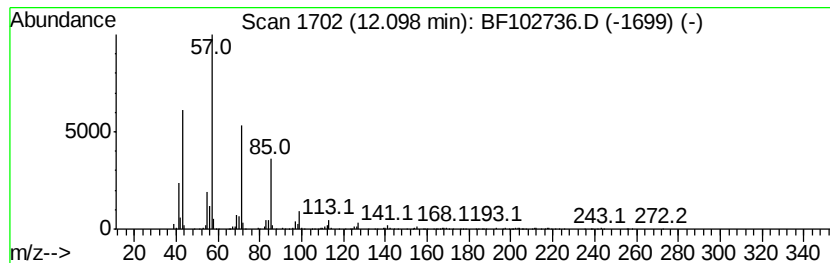
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	7.70 ng	559355	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Heptacosane	380	C27H56	000593-49-7	80
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102736.D
Acq On : 5 Feb 2018 14:28
Operator : SJ/JU
Sample : J1399-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-A

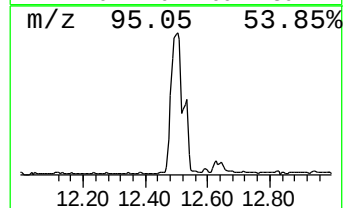
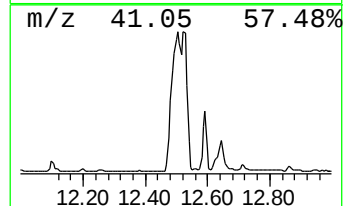
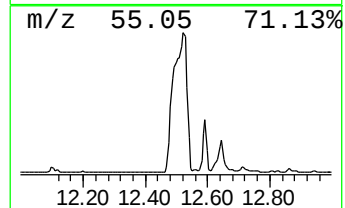
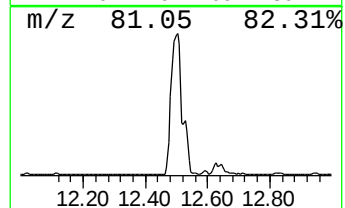
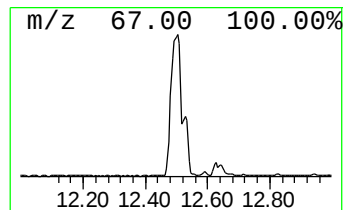
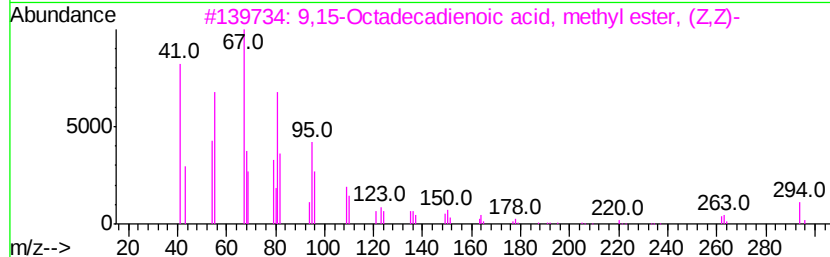
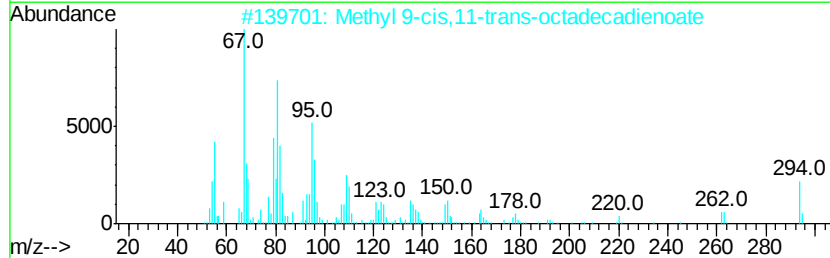
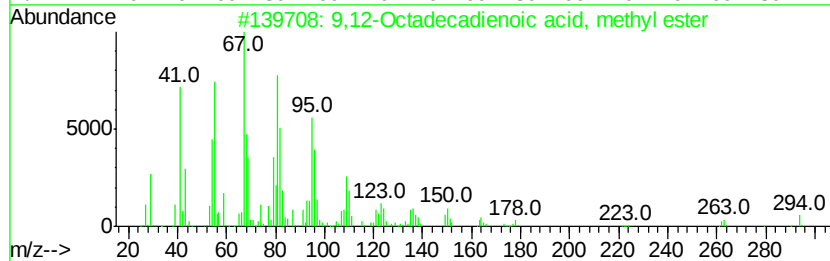
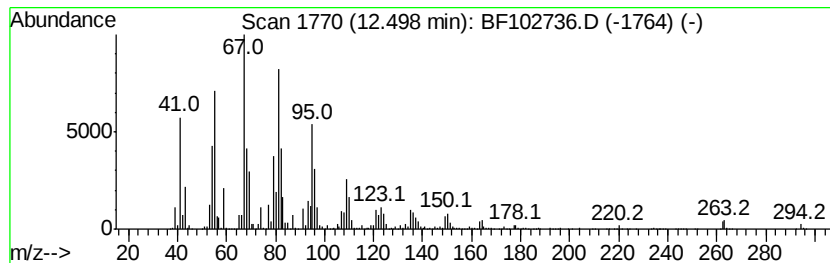
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	272.31 ng	19786900	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102736.D
Acq On : 5 Feb 2018 14:28
Operator : SJ/JU
Sample : J1399-01 2X
Misc :
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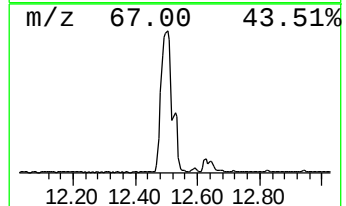
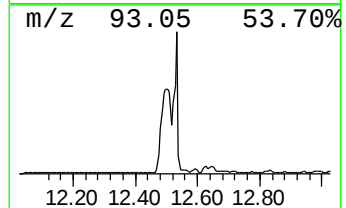
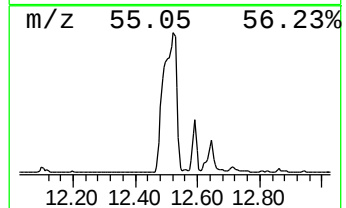
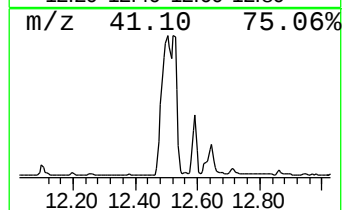
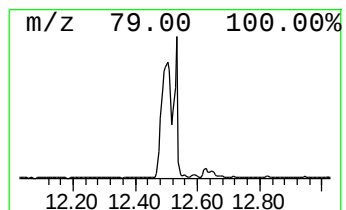
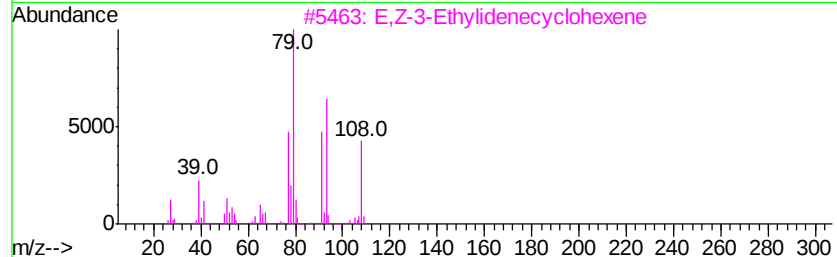
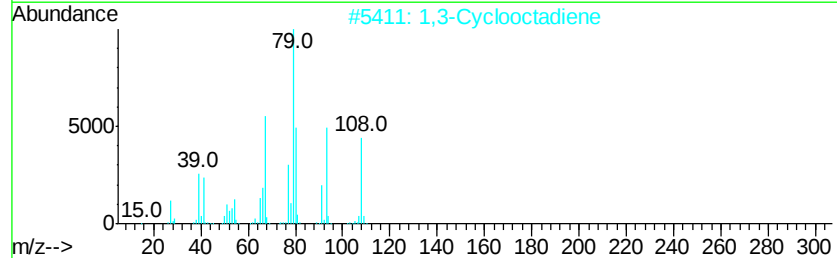
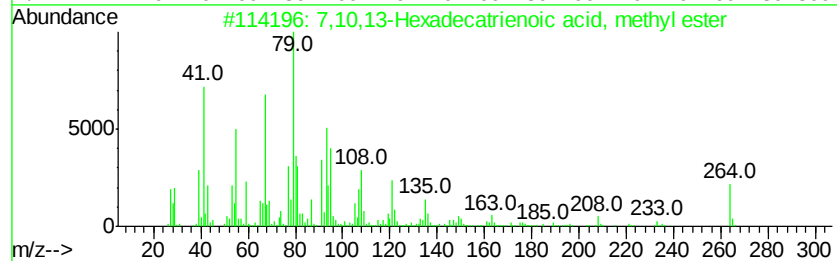
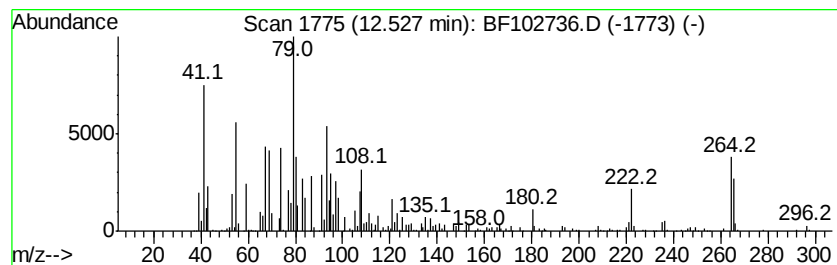
Instrument :
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ClientSampleId :
OR-01-020218-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 7,10,13-Hexadecatrienoic ac... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	127.60 ng	9272210	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,10,13-Hexadecatrienoic acid, m...	264	C17H28O2	056554-30-4	76
2	1,3-Cyclooctadiene	108	C8H12	001700-10-3	55
3	E,Z-3-Ethylidenecyclohexene	108	C8H12	016631-62-2	45
4	9,12,15-Octadecatrienoic acid, (...)	278	C18H30O2	000463-40-1	43
5	Cyclohexene, 3-ethenyl-	108	C8H12	000766-03-0	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102736.D
Acq On : 5 Feb 2018 14:28
Operator : SJ/JU
Sample : J1399-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-020218-A

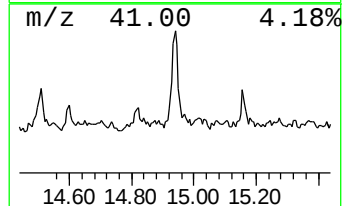
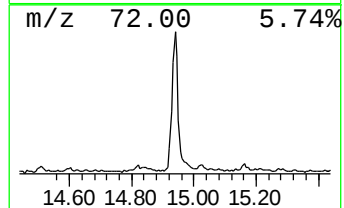
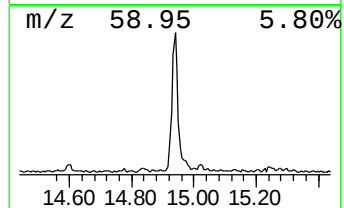
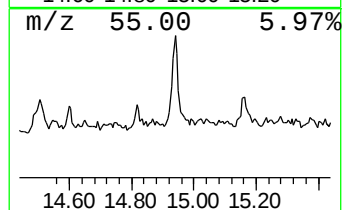
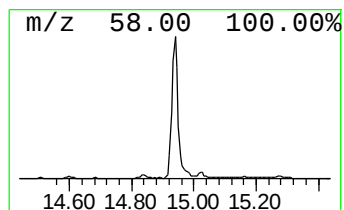
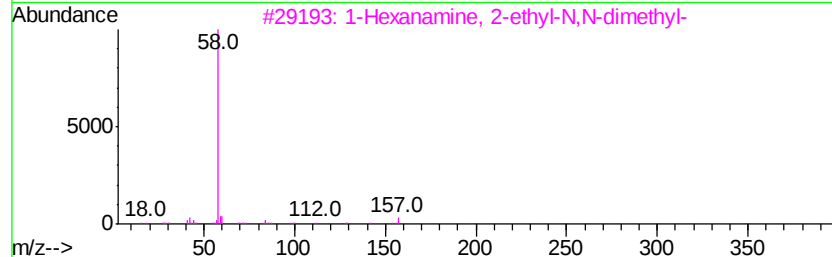
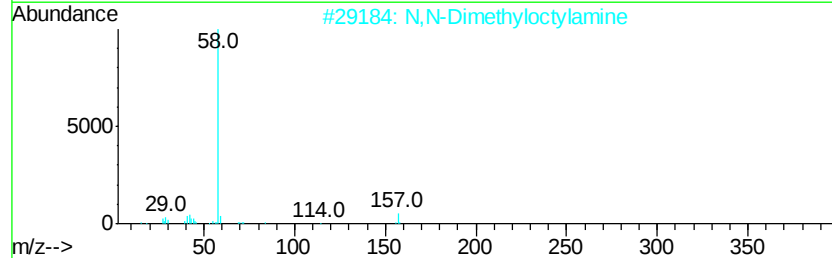
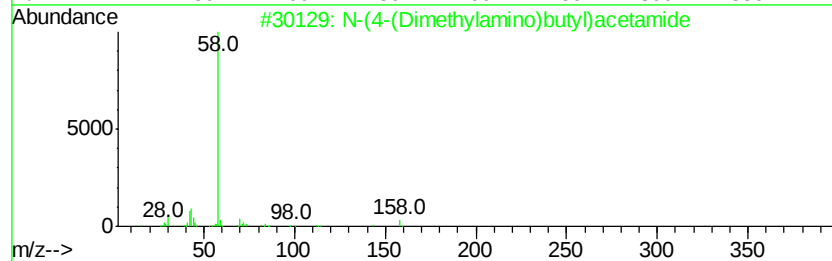
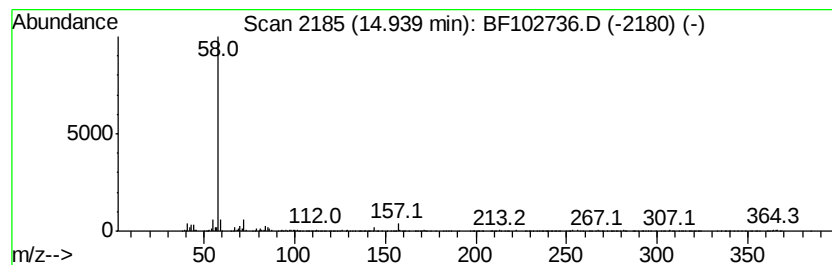
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 N-(4-(Dimethylamino)butyl)ac... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	30.57 ng	1434790	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(4-(Dimethylamino)butyl)acetamide	158	C8H18N2O	1000378-76-2	72
2		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
3		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
4		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
5		3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102736.D
Acq On : 5 Feb 2018 14:28
Operator : SJ/JU
Sample : J1399-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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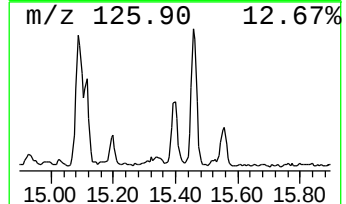
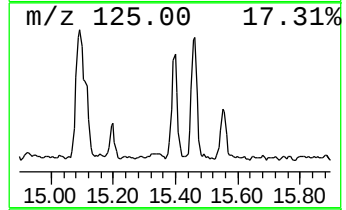
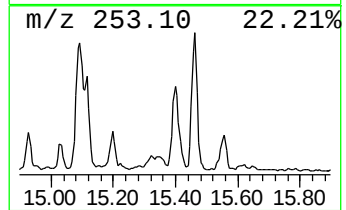
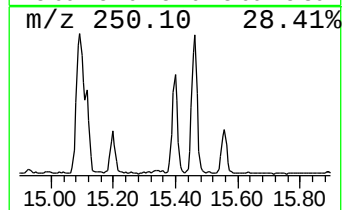
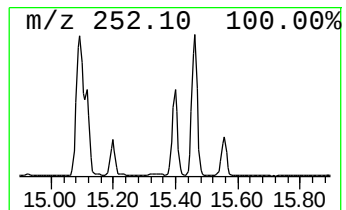
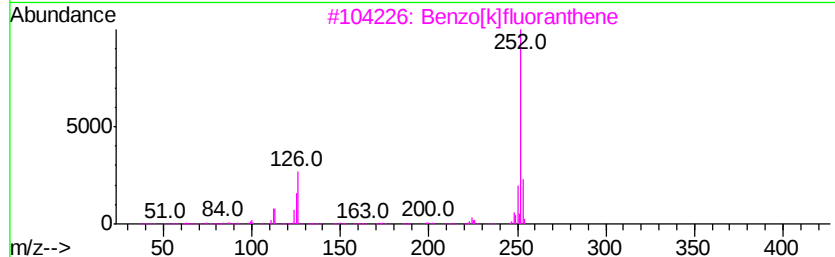
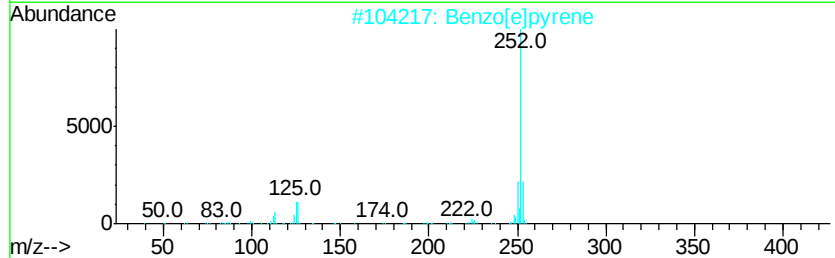
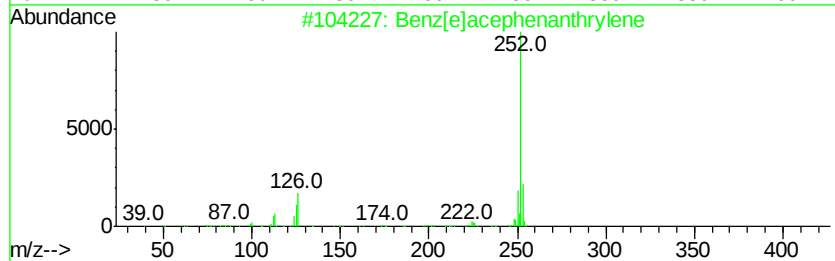
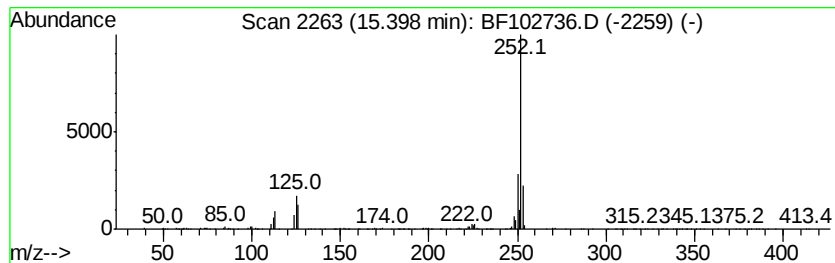
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benz[e]acephenanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	12.82 ng	601831	Perylene-d12	15.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Perylene	252	C20H12	000198-55-0	89



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
 Data File : BF102736.D
 Acq On : 5 Feb 2018 14:28
 Operator : SJ/JU
 Sample : J1399-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.65	6.65	40.6	ng	2747230	1	6.88	1354740	20.0
Naphthalene, 1-me...	8.97	5.9	ng	545375	2	8.16	1844720	20.0
Tetradecane	9.32	8.0	ng	649596	3	9.92	1633150	20.0
Naphthalene, 1,5-...	9.57	6.1	ng	500948	3	9.92	1633150	20.0
Hexadecane	9.85	8.7	ng	707074	3	9.92	1633150	20.0
Undecane, 5-ethyl-	10.56	5.6	ng	460552	3	9.92	1633150	20.0
Heptadecane	10.82	16.4	ng	1188510	4	11.40	1453290	20.0
Octadecane	11.27	9.9	ng	721075	4	11.40	1453290	20.0
Dibenzothiophene	11.30	8.3	ng	602689	4	11.40	1453290	20.0
Hexadecanoic acid...	11.80	103.1	ng	7493240	4	11.40	1453290	20.0
Phenanthrene, 2-m...	11.93	14.9	ng	1082150	4	11.40	1453290	20.0
4H-Cyclopenta[def...	12.02	10.5	ng	762725	4	11.40	1453290	20.0
Bacchotricuneatin c	12.10	7.7	ng	559355	4	11.40	1453290	20.0
9,12-Octadecadien...	12.50	272.3	ng	19786900	4	11.40	1453290	20.0
7,10,13-Hexadecat...	12.53	127.6	ng	9272210	4	11.40	1453290	20.0
N-(4-(Dimethylami...	14.94	30.6	ng	1434790	6	15.53	938777	20.0
Benz[e]acephenant...	15.40	12.8	ng	601831	6	15.53	938777	20.0